

F80 Revision A

<https://campus.barracuda.com/doc/71862273/>



Opening your Barracuda Networks appliance or removing its warranty label unless instructed to do so by Barracuda Networks support will void your warranty and hardware support.

[Barracuda Networks Appliance Safety Instructions](#)

Always use the power supply shipped with the appliance. To prevent damage, connect the DC plug to the appliance before plugging the power adapter into the AC outlet.

Default Port Configuration

Port Label	OS Notation	Speed/Type	Management Port
1	p1	10/100/1000 MBit RJ45	X
2	p2	10/100/1000 MBit RJ45	

3	p3	10/100/1000 MBit RJ45	
4	p4	10/100/1000 MBit RJ45	

Hardware Specifications

Interface	
RJ45 Ethernet NICs	4x 1 GbE
USB 2.0	4
Serial console	1 [RJ45]
VGA	Yes
Integrated Wi-Fi (IEEE 802.11b/g)	Yes
Data Storage	
RAM [GB]	2 or higher
Mass Storage	
Type	SSD
Size [GB]	<ul style="list-style-type: none"> • 30 (until 03/2017) • 50 (since 03/2017)
Size, Weight, Dimensions	
Appliance weight [kg]	1,3
Carton weight with appliance [kg]	3,2
Appliance size: width x depth x height [mm]	274 x 162 x 44
Carton size: width x depth x height [mm]	650 x 394 x 487
Form factor	Compact
Hardware	
Display	-
Hardware crypto accelerator	Yes, built-in
Cooling	No fan
Power supply	Single, external
L-Shape rack mount bracket	Not included in packaging, available to order BPRAC-04 / BPIRAC-04
Wall mount bracket	Included in packaging
Environmental	
Noise emission [db/A]	N/A
Operating temperature [°C]	0 to +35
Storage temperature [°C]	-20 to +70
Operating humidity (non-condensing)	5% to 95%

Certifications & Compliance	
CE emissions	Yes
CE electrical safety	Yes
FCC emissions	Yes
ROHS compliant	Yes
Power & Efficiency	
Power supply type	External
Power type [AC/DC]	AC
Input rating [Volts]	100-240
Input frequency [Hz]	50-60
Auto sense	Yes
Wattage / max. power draw [W]	45
Max. power draw (@ 230V) [A]	0,2
Max. heat dissipation [W]	19
Max. heat dissipation [BTU]	65
Energy efficiency [average]	> 85%

The hardware specifications list was valid at the time this manual was published. The listed components are subject to change at any time, as Barracuda Networks may change hardware components due to technological advancements. Therefore, the list may not reflect the current hardware configuration of the Barracuda appliance it was delivered with.

Wall Mount Kit

This appliances is shipped with a wall mount kit. Print the [Barracuda CloudGen Firewall Wall Mount Jig](#) to use as a template when drilling the required holes. Do not scale the PDF when printing.

LEDs and Acoustic Signals

Your appliance is equipped with a variety of LEDs and acoustic signals. The front panel of the Barracuda CloudGen Firewall F80 A contains one power LED (blue), one disc LED (green), one status LED (red), and 4 port LEDs. On the back panel, you can see one power button LED and various port LEDs. Two acoustic signals indicate the status of installation. The tables below show the different meanings of the different glowing states and acoustic signals:

LED Color	Status	Meaning Installation	Meaning Operation
All LEDs Off	Off	Appliance is powered off or installation has not initialized far enough for LED control when installation is started.	Appliance is powered off.
Power LED front side - BLUE	Steady	-	Appliance is plugged in and is on.
Status LED front side - RED	Off	Installation has finished successfully.	Box is running normally.
Status LED front side - RED	Steady	After a hotfix installation, the LED turns to red until the next reboot in case the hotfix installation failed. This feature requires firmware 7.1.3 or higher OR 7.2.2 or higher.	Appliance is halted and may be disconnected, or an error occurred preventing the appliance from entering the up state.
Status LED front side - RED	Blinking slowly (1/s interval)	Normal installation.	Appliance is either booting, shutting down, or performing a system update.
Status LED front side - RED	Blinking fast (4/s interval)	Error during installation.	Appliance is in ART mode.
Disc LED - GREEN	Blinking	Appliance is reading or writing on storage.	Appliance is accessing the internal storage.
Port LEDs - GREEN/YELLOW	Left blinking	Data transfer - Yellow (10/100 Mbps)	Port in use.
	Right steady	-	Port is on.
Acoustic Signal	Frequency	Meaning	
Beep	1 time (.)	Appliance is booting.	
Beep	3 times (...)	Installation was completed successfully; appliance is halted for reboot. After reboot, one beep will again indicate booting.	
Beep	3 times long (__)	Error during installation.	

LED and acoustic signals may vary between different appliance models.

Serial Console Port

In order to establish a console connection to the appliance using an RJ45 serial cable, you need to configure the serial port on the terminal using the following parameters:

Parameter	Value
Baud	19200
Bits	8
Stop bit	1
Parity	None
Handshake	None

Figures

1. F80_front.png
2. F80.back_with_Antenna.png

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